

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) A control module for an injector of an accumulator injection system for the control and guidance of a valve body, comprising:
 - a high-pressure inflow for the delivery of fuel;;
 - a guide device for guiding the valve body;;
 - a control space;;
 - an inflow throttle ~~connecting which makes a connection between~~ the high-pressure inflow and the control space;;
 - an outflow throttle ~~connecting which makes a connection between~~ the control space and a control valve; and
 - a control piston ~~which is~~ arranged in the control space and ~~which is~~ connected indirectly or directly to the valve body and ~~further~~ is connected at ~~an~~ its end opposite the control space to a high-pressure region ~~of~~ on the valve body.

2. (Currently Amended) The control module ~~of as claimed in claim 1, further~~ comprising a bypass throttle ~~which makes a connection between~~~~connecting~~ the high-pressure inflow and the control valve.

3. (Currently Amended) The control module ~~as claimed in~~ of claim 2, further comprising an annular duct ~~which is~~ arranged between the high-pressure inflow and the bypass throttle.

4. (Currently Amended) The control module ~~of as claimed in~~ claim 3, further comprising wherein the annular duct ~~is~~ formed in the control module ~~and/or in a nozzle housing~~.

5. (Original) The control module as claimed in claim 1, wherein the guide device is designed as a cylindrically annular extension.

6. (Currently Amended) The control module ~~of as claimed in~~ claim 5 further comprising, wherein a connection region, ~~which connects~~ connecting the high-pressure inflow to the high-pressure region on the valve body, ~~is~~ provided on the outer circumference of the guide device ~~or on the inner circumference of the nozzle housing~~.

7. (Currently Amended) The control module ~~of as claimed in~~ claim 6 further comprising, wherein the connection region ~~is~~ formed by at least one a duct-like recess ~~or~~ by a plurality of recesses ~~distributed~~ on the outer circumference of the guide device ~~and/or on the inner circumference of the nozzle housing~~.

8. (Currently Amended) The control module of as claimed in Claim 1 further comprising, wherein a nozzle spring for the return of the valve body is supported at a first end, on the one hand, on the guide device and as a second end, on the other hand, on a spring plate arranged on the valve body.

9. (Original) The control module as claimed in claim 1, wherein centering surfaces for centering the valve body are provided on the guide device.

10. (Original) The control module as claimed in claim 1, wherein the control piston and the valve body are designed as a common one-piece component.

11. (Original) The control module as claimed in claim 1, wherein the valve body is designed as a nozzle needle.

12. (Currently Amended) An injector for an accumulator injection system having a control module for the control and guidance of a valve body, comprising:

 a high-pressure inflow for the delivery of fuel;,
 a guide device for guiding the valve body;,
 a control space;,
 an inflow throttle connecting which makes a connection between the high-pressure inflow and the control space;,
 an outflow throttle connecting which makes a connection between the control space and a control valve; and

a control piston ~~which is~~ arranged in the control space and ~~which is~~ connected indirectly or directly to the valve body and ~~is~~ further connected at an its end opposite the control space to a high-pressure region on the valve body; and
a bypass throttle connecting the high-pressure inflow and the control valve.

13. (Currently Amended) A control module for an injector of an accumulator injection system for the control and guidance of a valve body, comprising

- a high-pressure inflow for the delivery of fuel;
- a guide device for guiding the valve body;
- a one-part springless control space;
- a control piston which is arranged in the control space and which is connected indirectly or directly to the valve body and is connected at its end opposite the control space to a high-pressure region on the valve body;
- an inflow throttle which makes a connection between the high-pressure inflow and the control space;
- an outflow throttle which makes a connection between the control space and a control valve in any position of the control piston; and
- a nozzle spring for the return of the valve body, which surrounds the valve body and is arranged in the high-pressure region; and
a bypass throttle connecting the high-pressure inflow and the control valve.

14. (Cancelled)

15. (Currently Amended) The control module ~~as claimed in~~ of claim 13~~14~~, further comprising an annular duct ~~which is~~ arranged between the high-pressure inflow and the bypass throttle.

16. (Currently Amended) The control module ~~of~~ as claimed in claim 15 further comprising, ~~wherein~~ the annular duct is formed ~~in~~ the control module and/or in a nozzle housing.

17. (Original) The control module as claimed in claim 13, wherein the guide device is designed as a cylindrically annular extension.

18. (Currently Amended) The control module ~~of~~ as claimed in claim 17 further comprising, ~~wherein~~ a connection region connecting, ~~which connects~~ the high-pressure inflow to the high-pressure region on the valve body, ~~is provided on the outer circumference of the guide device or on the inner circumference of the nozzle housing.~~

19. (Currently Amended) The control module ~~of~~ as claimed in claim 18 further comprising, ~~wherein~~ the connection region is formed by at least one a-duct-like recess ~~or~~ by a plurality of recesses distributed ~~on the outer circumference of the guide device and/or on the inner circumference of the nozzle housing.~~

20. (Currently Amended) The control module of as claimed in claim 13 further comprising, wherein the nozzle spring for the return of the valve body ~~is supported at a first end, on the one hand, on the guide device and as a second end, on the other hand,~~ on a spring plate arranged on the valve body.

21. (Original) The control module as claimed in claim 13, wherein centering surfaces for centering the valve body are provided on the guide device.

22. (Original) The control module as claimed in claim 13, wherein the control piston and the valve body are designed as a common one-piece component.

23. (Original) The control module as claimed in claim 13, wherein the valve body is designed as a nozzle needle.